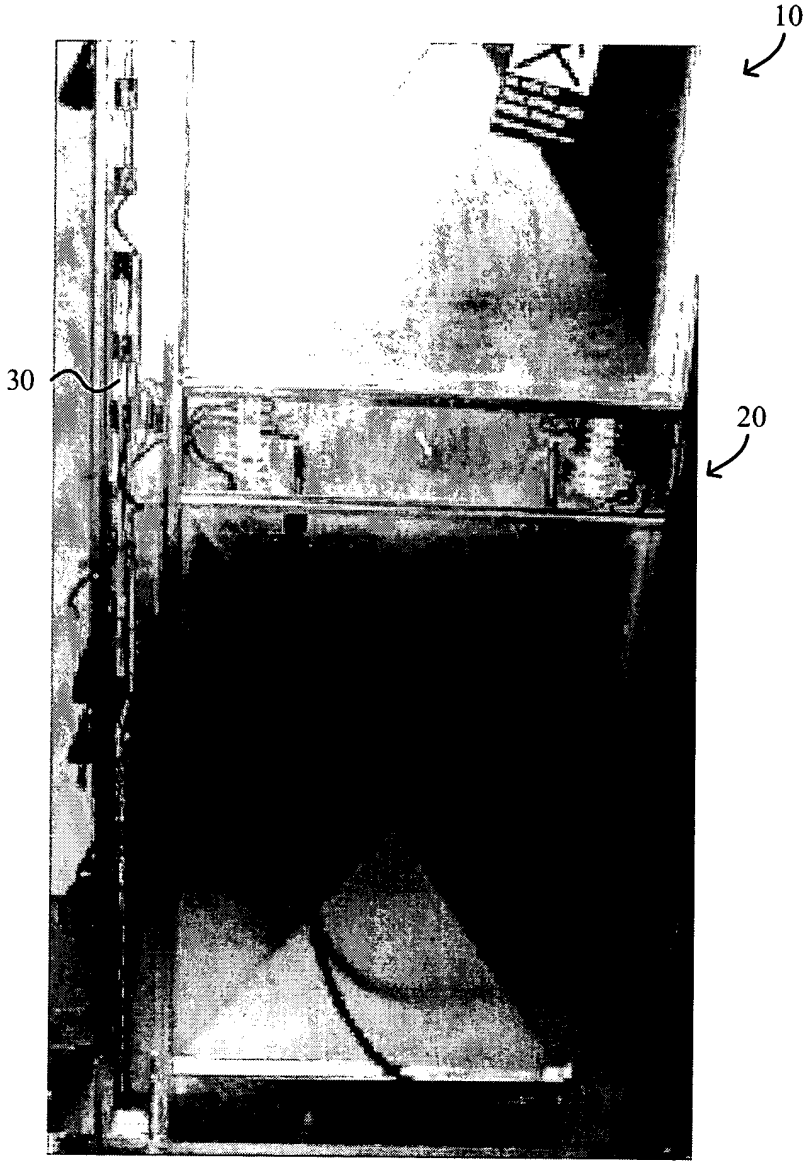

FIG. 1

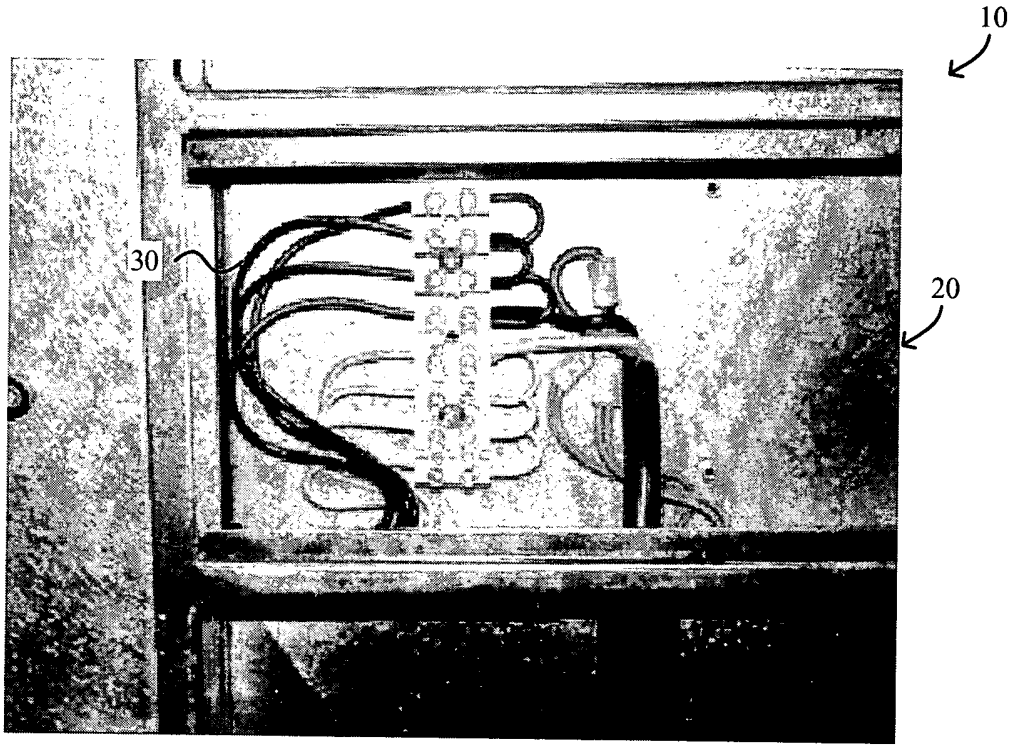

FIG. 2

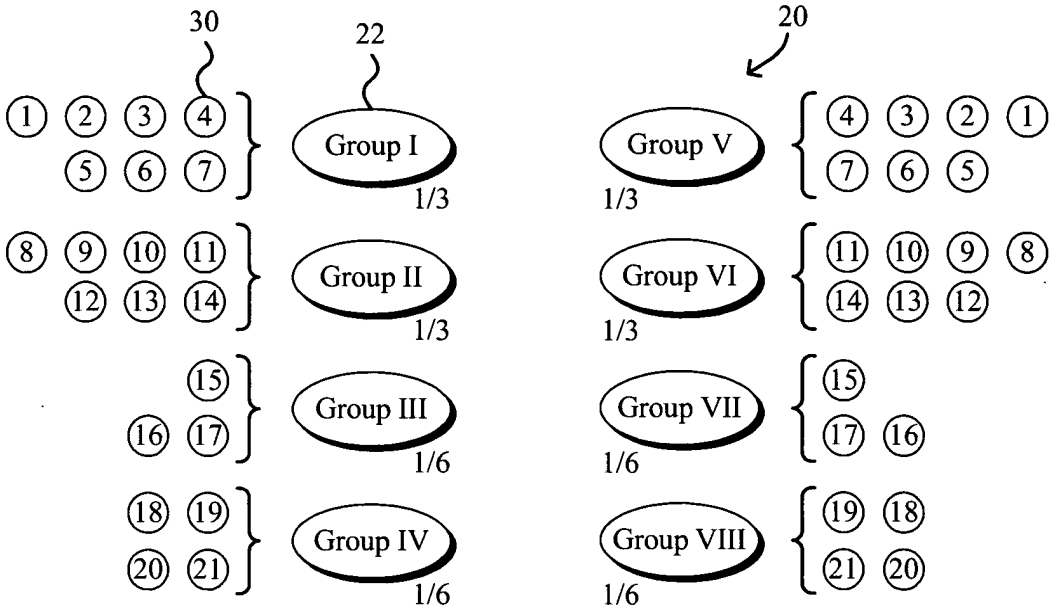
30
22
20
1 2 3 4
5 6 7
Group I
1/3
Group V
1/3
4 3 2 1
7 6 5
8 9 10 11
12 13 14
Group II
1/3
Group VI
1/3
11 10 9 8
14 13 12
15
16 17
Group III
1/6
Group VII
1/6
15
17 16
18 19
20 21
Group IV
1/6
Group VIII
1/6
19 18
21 20

FIG. 3

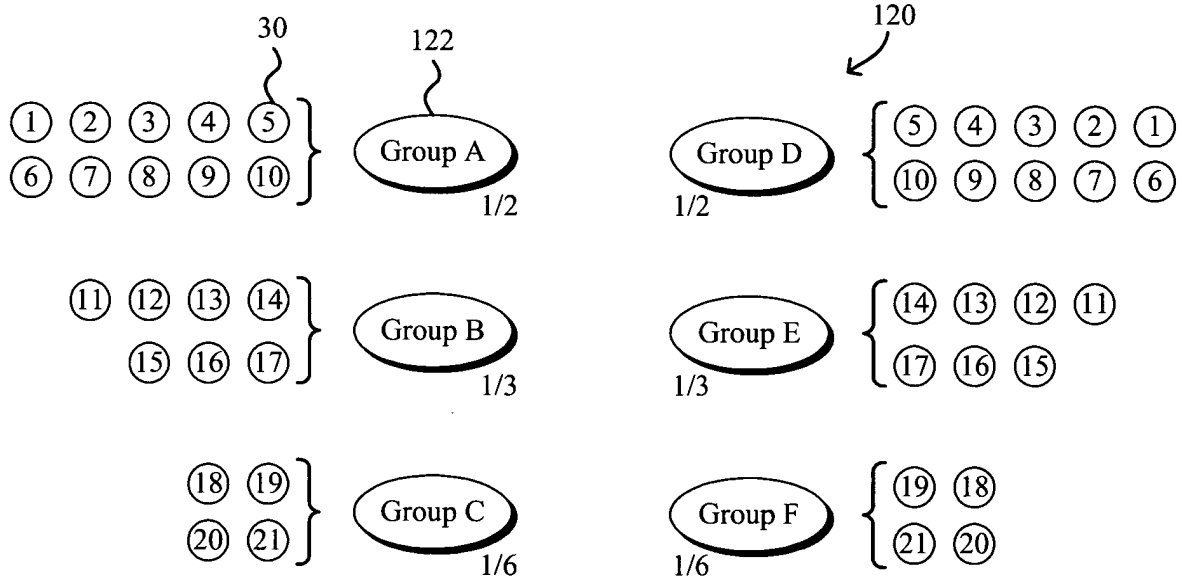
30
122
120
1 2 3 4 5
6 7 8 9 10
Group A
1/2
Group D
1/2
5 4 3 2 1
10 9 8 7 6
11 12 13 14
15 16 17
Group B
1/3
Group E
1/3
14 13 12 11
17 16 15
18 19
20 21
Group C
1/6
Group F
1/6
19 18
21 20

FIG. 4

No. of Power Connectors (with load)	Power Connectors per Group/Terminal	No. of Circuits	Power Con-nectors per Circuit	Combination of Groups/Terminals
N	N/6 N/6 N/6 N/6 N/12 N/12 N/12 N/12 (Approximate)	1	N	All
		2	N/2	N/6+ N/6+N/12+ N/12 | N/6+ N/6+ N/12+ N/12
		3	N/3	N/6+ N/6 | N/6+ N/12+ N/12 | N/6+ N/12+ N/12
		4	N/4	N/6+ N/12 | N/6+ N/12 | N/6+ N/12 | N/6+ N/12
		6	N/6	N/6 | N/6 | N/6 | N/6 | N/12+ N/12 | N/12+ N/12
10	2 2 1 1 1 1 1 1	1	10	All
		2	5	2+1+1+1 | 2+1+1+1
		3	4, 3	1+1+1+1 | 2+1 | 2+1
		4	3, 2	1+1+1 | 1+1+1 | 2 | 2
		5	2	2 | 2 | 1+1 | 1+1 | 1+1
14	3 3 2 2 1 1 1 1	1	14	All
		2	7	3+2+1+1 | 3+2+1+1
		3	5, 4	3+2 | 3+2 | 1+1+1+1
		4	4, 3	3+1 | 3+1 | 2+1 | 2+1
		6	3, 2	3 | 3 | 2 | 2 | 1+1 | 1+1
26	4 4 4 4 3 3 2 2	1	26	All
		2	13	4+4+2+3 | 4+4+2+3
		3	9, 8	4+4 | 4+3+2 | 4+3+2
		4	7, 6	4+3 | 4+3 | 4+2 | 4+2
		6	5, 4	3+2 | 3+2 | 4 | 4 | 4 | 4

FIG. 5-1

No. of Power Connectors (with load)	Power Connectors per Group/Terminal	No. of Circuits	Power Connectors per Circuit	Combination of Groups/Terminals
26	5 5 4 4 2 2 2 2	1	26	All
		2	13	5+4+2+2 | 5+4+2+2
		3	9, 8	5+4 | 5+4 | 2+2+2+2
		4	7, 6	5+2 | 5+2 | 4+2 | 4+2
		6	5, 4	5 | 5 | 4 | 4 | 2+2 | 2+2
32	5 5 5 5 3 3 3 3	1	32	All
		2	16	5+5+3+3 | 5+5+3+3
		3	11, 10	5+3+3 | 5+3+3 | 5+5
		4	8	5+3 | 5+3 | 5+3 | 5+3
		6	6, 5	3+3 | 3+3 | 5 | 5 | 5 | 5
42	7 7 7 7 4 4 3 3	1	42	All
		2	21	7+7+4+3 | 7+7+4+3
		3	14	7+4+3 | 7+4+3 | 7+7
		4	11, 10	7+4 | 7+4 | 7+3 | 7+3
		6	7	7 | 7 | 7 | 7 | 4+3 | 4+3
60	10 10 10 10 5 5 5 5	1	60	All
		2	30	10+10+5+5 | 10+10+5+5
		3	20	10+10 | 10+10 | 5+5+5+5
		4	15	10+5 | 10+5 | 10+5 | 10+5
		6	10	10 | 10 | 10 | 10 | 5+5 | 5+5

FIG. 5-2

No. of Power Connectors (with load)	No. of Power Connectors for each Group/Terminal	No. of Circuits	No. of Power Connectors for Each Circuit	Combination of Groups/Terminals
N	N/4 N/4 N/6 N/6 N/12 N/12 (Approximate)	1	N	All
		2	N/2	N/4+ N/6+N/12 | N/4+ N/6+ N/12
		3	N/3	N/6+ N/6 | N/4+ N/12 | N/4+ N/12
		4	N/4	N/4 | N/4 | N/6+ N/12 | N/6+ N/12
8	2 2 1 1 1 1	1	8	All
		2	4	2+1+1 | 2+1+1
		3	3, 2	2+1 | 2+1 | 1+1
		4	2	2 | 2 | 1+1 | 1+1
10	2 2 2 2 1 1	1	10	All
		2	5	2+2+1 | 2+2+1
		3	4, 3	2+2 | 2+1 | 2+1
		4	3, 2	2+1 | 2+1 | 2 | 2
		5	2	2 | 2 | 2 | 2 | 1+1
14	4 4 2 2 1 1	1	14	All
		2	7	4+2+1 | 4+2+1
		3	5, 4	4+1 | 4+1 | 2+2
		4	4, 3	4 | 4 | 2+1 | 2+1

FIG. 6-1

No. of Power Connectors (with load)	No. of Power Connectors for each Group/Terminal	No. of Circuits	No. of Power Connectors for Each Circuit	Combination of Groups/Terminals
26	7 7 4 4 2 2	1	26	All
		2	13	7+4+2 | 7+4+2
		3	9, 8	7+2 | 7+2 | 4+4
		4	7, 6	7 | 7 | 4+2 | 4+2
32	8 8 5 5 3 3	1	32	All
		2	16	8+5+3 | 8+5+3
		3	10, 11	8+3 | 8+3 | 5+5
		4	8	8 | 8 | 5+3 | 5+3
42	10 10 7 7 4 4	1	42	All
		2	21	10+7+4 | 10+7+4
		3	14	10+4 | 10+4 | 7+7
		4	11, 10	7+4 | 7+4 | 10 | 10
60	15 15 10 10 5 5	1	60	All
		2	30	15+10+5 | 15+10+5
		3	20	15+5 | 15+5 | 10+10
		4	15	15 | 15 | 10+5 | 10+5

FIG. 6-2

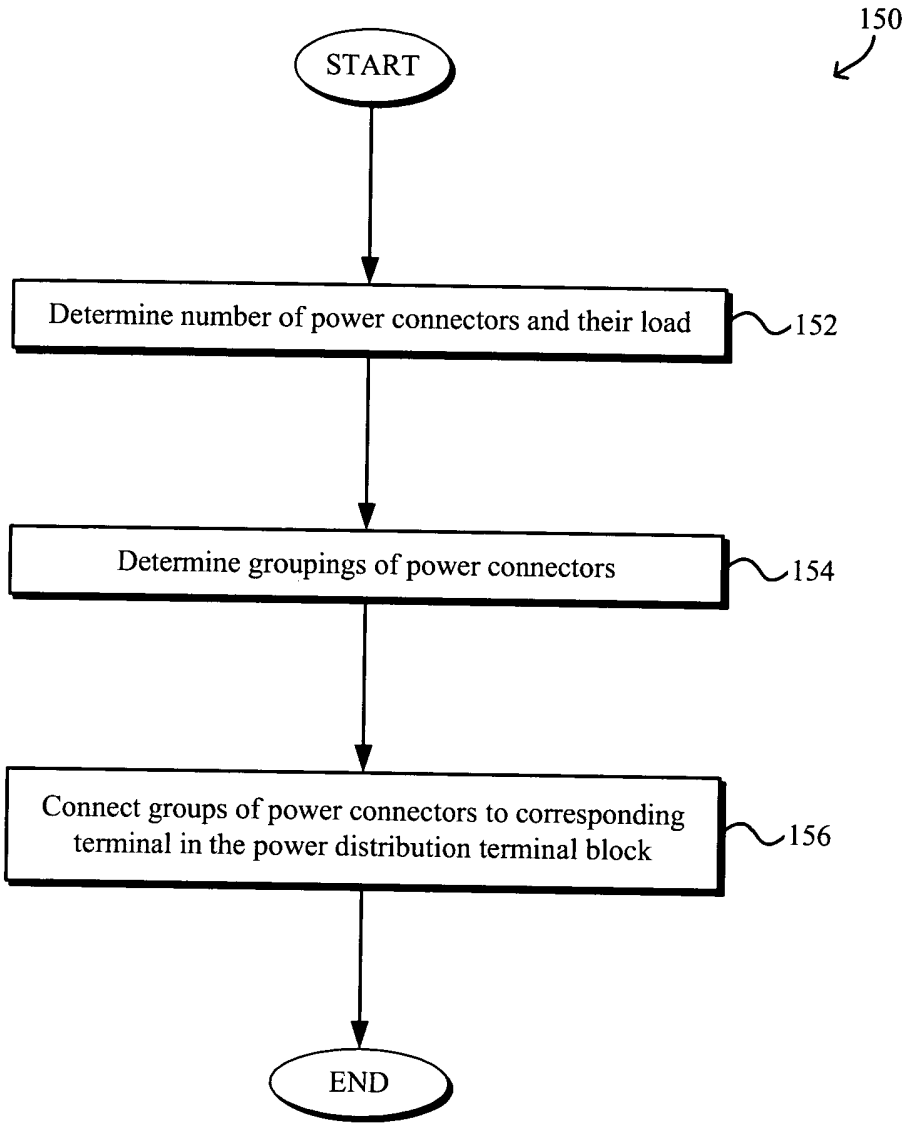
150
START
Determine number of power connectors and their load
152
Determine groupings of power connectors
154
Connect groups of power connectors to corresponding terminal in the power distribution terminal block
156
END

FIG. 7

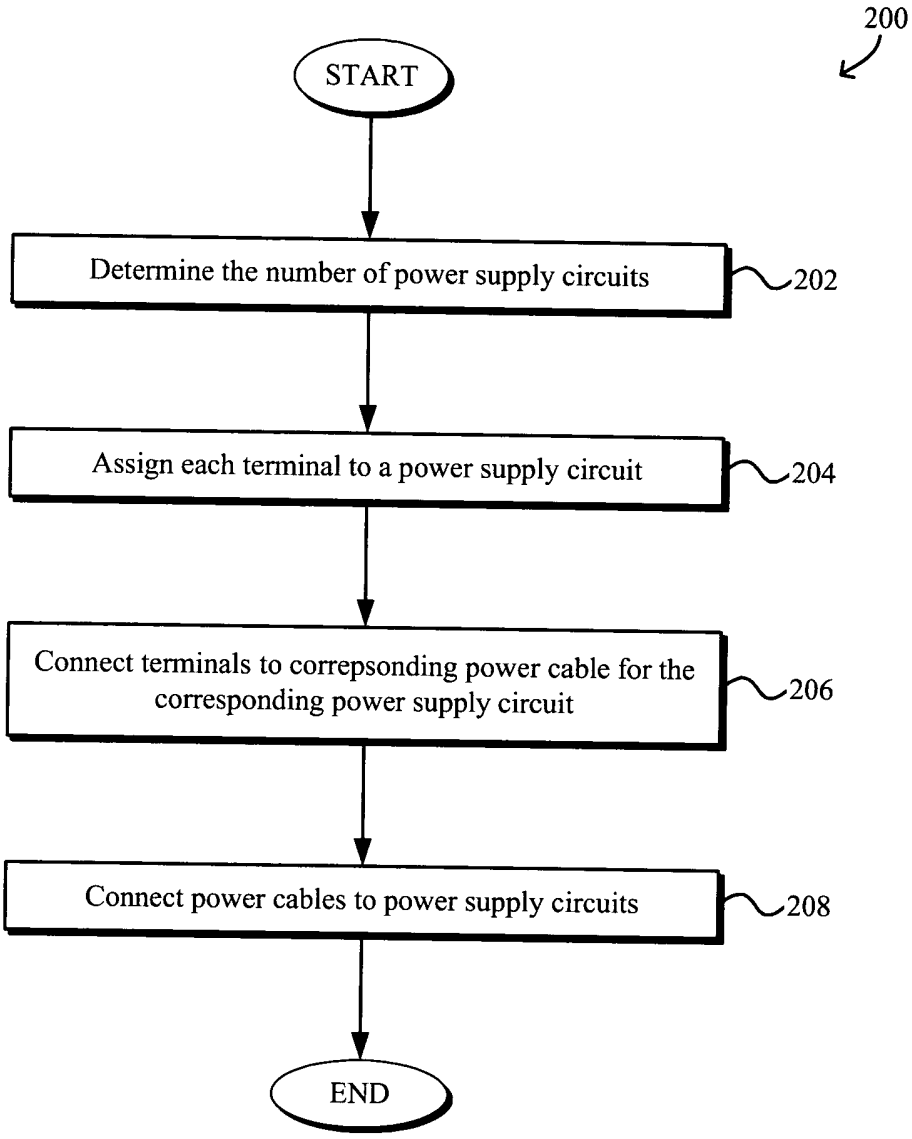
200
START
Determine the number of power supply circuits
202
Assign each terminal to a power supply circuit
204
Connect terminals to correpsonding power cable for the corresponding power supply circuit
206
Connect power cables to power supply circuits
208
END

FIG. 8